

## **REMARKS**

Very thanks for Examination's suggestion and thanks for finding some citations about the present invention, thereby, the applicant may know more information about the invention. This case has been carefully reviewed and analyzed in view of the office action. All details of the reference prior arts are fully considered and compared with the present invention.

### **ABOUT CLAIM REJECTION OF 35USC102**

Indeed the citations disclose some features of the present invention, and the applicant agrees with these viewpoints, however applicant discovers that some main features of the present invention are not disclosed in the citation which can form the novelty and inventive step of the present invention.

To illustrate the novelty of the present invention and overcome the objection from the citations, the applicant decides to amend claim 1 as the following. The amendment of claim 1 is based on the Fig. 1 of the present invention. The claims 2 to 4 are remained without any amendment.

The relation of the new claims with respect to the original claims are shown in the following REMARK, Examiners can read the claims more easily from the REMARK.

### **CLAIMS SHOW CHANGES AND NUMERALS FOR DISCUSSING IN THE REMARK**

Claim 1. (Currently Amended) A multi-functional engineering clipper comprising: a cutting portion 10 and a handle portion 20; a plurality of screwing units 30 for fixing the cutting portion 10 with the handle portion 20; ~~two pivotal portions 11 being installed on the~~ cutting portion 10 having two pivotal portions 11;

a front end of each pivotal portion 11 being installed with two a first knife portions ~~portion~~ 12; each first knife portion 12 having a flat knife 121; the two flat knives 121 being symmetrically arranged;

a rear end of each first knife portion ~~pivotal portion~~ being installed with a second knife portion 13; each second knife portion having a semi-round knife 131; the two semi-round knives 131 being symmetrically arranged; and

a rear end of each second knife portion being extended with a third knife portion 14 ; each third knife portion 14 having a cambered knife;-

a rear end of each third knife portion 14 being extended with a leg;

wherein the handle portion 20 is formed by two handles; each handle has an approximately U shape recess for receiving a respective one of the legs of the cutting portion; two lateral sides of each handle are approximately parallel and two lateral sides of each leg are approximately parallel;

each handle being locked to the respective leg by using two screws to pass through the handle and the leg; from the lateral sides of the handle and the leg.

Claim 2. (Original) The multi-functional engineering clipper as claimed in claim 1, wherein the first knife portion 12 serves for cutting one of steel plates and steel strips.

Claim 3. (Original) The multi-functional engineering clipper as claimed in claim 1, wherein the second knife portion 13 serves for cutting cables.

4. The multi-functional engineering clipper as claimed in claim 1, wherein the third knife portion 14 serves for cutting one of steel

ropes and steel ropes.

## DISCUSSION ABOUT THE NOVELTY THE PRESENT INVENTION

(A) In the amended claim 1, we add the following features:

“rear end of each third knife portion 14 being extended with a leg; wherein the handle portion 20 is formed by two handles; each handle has an approximately U shape recess for receiving a respective one of the legs of the cutting portion, each handle being locked to the respective leg by using two screws to pass through the handle and the leg from the lateral sides of the handle and the leg.”

The feature is illustrated in Figs. 7 or 8 of the present invention. In the attached drawing for explaining the claim 1 in the remark, we illustrate this feature.

In the citation USP3,883,951, see Fig. 6 of the citation, it is illustrated that the leg 18 is inserted into the handle 20 and a screw 22 is screwed from the handle 20 into the leg 18. No U shape recess is found in the citation '951.

In the present invention, the two screws are locked to the handle and leg from the lateral sides of the handle and leg, see Fig. 8 of the present invention.

See Fig. 6 of the present invention, it is illustrated that the screw 22 is embedded in the handle 20 and then is inserted into the leg 18 from the interior of the handle 20. However the locking way in the prior art is very difficult.

(B) In the amended claim 1, we add the following features:

“two lateral sides of each handle are approximately parallel and two lateral

sides of each leg are approximately parallel.”

The features are illustrated in the attached drawing. The above mentioned structure cause that the structure of the tool is strong. In the citation USP USP3,883,951, the connection of the leg and handle is reduced to have narrow size than other portions of the handle and leg.

It is apparent that the structure of the citation '951 is weak.

### (C) RESULT

Form above discussion in (A) and (B), it is known that the present invention has a simple structure in the connection of the handle and the leg and has a strong structure in the connection of the handle and the leg. Thus, the present invention is different from the citation '951 and have preferred effects than the citation '951.

Since in above discussion, it is apparent that no prior art has the features of the present invention, especially in new claim 1. Furthermore, as we know that no other prior art has features of the present invention. Thus, the present invention is novel and inventive.

**If there is any error in the specification, or claims, applicant requests and authorizes Examiner to amend the claims, specification and drawings of the present invention so that they can match the requirement of U. S. Patent. Attentions of Examiner to this matter are greatly appreciated.**

It is now believed that the subject Patent Application has been placed in condition for allowance, and such action is respectively requested.

Respectfully submitted.



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